



April 15, 2016

TCEQ -Water Rights Permitting and Availability Section
MC 160
Watermaster
12100 Park 35 Circle
Austin, TX 78753

RE: Temporary Water Use Permit

Please find attached an application for a Temporary Water Use Permit for up to 80 acre-feet within a period of three calendar years. Anadarko proposes to complete two wells within the three year period, using 40 acre-feet per well. Diversion from the lake will take place at 30.455614, -96.706667. Sphere 3 Environmental, Inc. is submitting this application on behalf of our client, Anadarko E&P Onshore, LLC to support oil and gas exploration including hydraulic fracturing and operations needs in the area of this water source.

If you have questions, regarding this application please call me at (903)297-4673.

Sincerely,
Sphere 3 Environmental, Inc.

A handwritten signature in cursive script that reads "Crissy Forrest".

Crissy Forrest
Sr. Associate/Water Rights Discipline Leader

Attachments

WATER AVAILABILITY DIV.

2016 APR 22 P 3:24

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

P.O. Box 13087 MC-160, Austin, Texas 78711-3087
Telephone (512) 239-4691, FAX (512) 239-4770

APPLICATION FOR A TEMPORARY WATER USE PERMIT FOR MORE THAN 10 ACRE-FEET OF WATER, AND/OR FOR A DIVERSION PERIOD LONGER THAN ONE CALENDAR YEAR

This form is for an application for a temporary permit to divert water under Section 11.138, Texas Water Code. Any permit granted from this application may be suspended at any time by the applicable TCEQ Office if it is determined that surplus water is no longer available.

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and Penalty Protocol.

1. **Data on Applicant and Project:** Social Security or Federal ID No. 73-0739973
 - A. Name: Anadarko E&P Onshore, LLC ATTN: Nathan Bennett
 - B. Mailing Address: P.O. Box 1330, Houston, TX 77251-1330
 - C. Telephone Number: (832) 636-3283 Fax Number: (832) 636-0481 E-mail Address: nathan.bennett@anadarko.com
 - D. Applicant owes fees or penalties? ☐ Yes ☒ No
If yes, provide the amount and the nature of the fee or penalty as well as any identifying number:

 - E. Describe Use of Water Oil & Gas Exploration, Hydraulic Fracturing and Operations
 - F. Description of Project (TDH Project No. if applicable) _____
 - G. Highway Designation No. _____ County Burleson

2. **Type of Diversion (check one):**
☐ From Stream ☒ From Reservoir
 - A. Maximum 3360 gpm
(capacity of pump)
3. **Rate of Diversion:**

4. **Amount and Source of Water:**
Eighty acre-feet of water within a period of three years (specify term period not to exceed a three year term). The water is to be obtained from Tietjen Water Impoundment, located on a unnamed tributary of Second Davidson Creek, within the Brazos River Basin.

5. **Location of Diversion Point:** Provide Latitude and Longitude in decimal degrees to at least six decimal places, and indicate the method used to calculate the diversion point location.

At Latitude 30.455614°N, Longitude -96.706667°W, at a reservoir in the vicinity of FM 975 and CR-106 (R-O-W) (Highway), located in Zip Code 77836, located 6.3 miles in a southern direction from Caldwell, TX (County Seat), of Burleson County, and 3.4 miles in a east-northeastern direction from Deanville, TX, a nearby town shown on County road map. Note: Distance in straight line miles.

Enclose a USGS 7.5 minute topographic map with the diversion point and/or the return water discharge points labeled. Owner's written consent is required for water used from any private reservoir, or private access to diversion point.

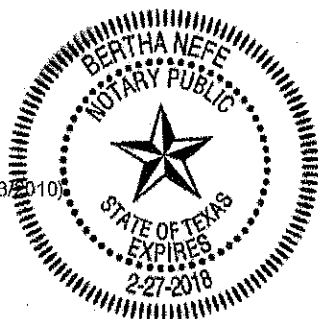
- | | | | | | | | | | | | | | | | | | | | |
|--|---|-----------------------|------------------|-----------------------|--------------|-----------|-----------|-----------------|---------|---------|--|----|-----------------|--------------------------------------|----|------------------|--------------------------|--|--|
| <ol style="list-style-type: none"> 6. Access to Diversion Point (check one): <ul style="list-style-type: none"> <input type="checkbox"/> Public right-of-way <input checked="" type="checkbox"/> Private property
(A letter of permission from landowner is attached) <input type="checkbox"/> Other (Explain) | <ol style="list-style-type: none"> 7. Fees Enclosed: <table border="0" style="width: 100%;"> <tr> <td></td> <td style="text-align: right;">10 ac-ft or less</td> <td style="text-align: right;">greater than 10 ac-ft</td> </tr> <tr> <td>Filing</td> <td style="text-align: right;">\$ 100.00</td> <td style="text-align: right;">\$ 250.00</td> </tr> <tr> <td>Recording</td> <td style="text-align: right;">\$ 1.25</td> <td style="text-align: right;">\$ 1.25</td> </tr> <tr> <td>Use (\$1.00 per ac-ft or fraction thereof)</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">\$ <u>80.00</u></td> </tr> <tr> <td>(Note: 1 ac-ft = 325,851 gals. Total</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">\$ <u>331.25</u></td> </tr> <tr> <td>1 ac-ft = 7758.35 bbls.)</td> <td></td> <td></td> </tr> </table> | | 10 ac-ft or less | greater than 10 ac-ft | Filing | \$ 100.00 | \$ 250.00 | Recording | \$ 1.25 | \$ 1.25 | Use (\$1.00 per ac-ft or fraction thereof) | \$ | \$ <u>80.00</u> | (Note: 1 ac-ft = 325,851 gals. Total | \$ | \$ <u>331.25</u> | 1 ac-ft = 7758.35 bbls.) | | |
| | 10 ac-ft or less | greater than 10 ac-ft | | | | | | | | | | | | | | | | | |
| Filing | \$ 100.00 | \$ 250.00 | | | | | | | | | | | | | | | | | |
| Recording | \$ 1.25 | \$ 1.25 | | | | | | | | | | | | | | | | | |
| Use (\$1.00 per ac-ft or fraction thereof) | \$ | \$ <u>80.00</u> | | | | | | | | | | | | | | | | | |
| (Note: 1 ac-ft = 325,851 gals. Total | \$ | \$ <u>331.25</u> | | | | | | | | | | | | | | | | | |
| 1 ac-ft = 7758.35 bbls.) | | | | | | | | | | | | | | | | | | | |

Upon completion of any project for which a temporary water permit is granted, the Permittee is required by law to report the amount of water used. This document must be properly signed and duly notarized before it can be accepted or considered by the Texas Commission on Environmental Quality.

[Signature]
Name (sign)

NATHAN S. BENNETT
Name (print)

Subscribed and sworn to me as being true and correct before me this 14th day of April, 2014



Bertha Nef
Notary Public, State of Texas

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